

Premium Plus

The “chameleon” of cuttable films for garment decoration—it adapts to your heat printing needs with adjustable application times and temps. Thin, highly stretchable, truly matte and opaque, it cuts and weeds easily. Perfect for detailed, multi-color designs. Slightly sticky carrier permits layer stacking. 40 colors, including 12 university colors (PU, 95 microns standard, 60 µm metallic, 105 µm fluorescent colors [+/- 10%]).



FEED MATERIAL
into cutter so that the carrier is on the bottom.



CUT LOGO,
words or numbers in reverse (mirror image).



WEED
away excess material leaving only the desired graphic on the carrier.



(reads left to right)

Place a Kraft Paper or Teflon® cover sheet over carrier before pressing.

PREHEAT & POSITION
Preheat garment for 10 seconds, prior to application. Position weeded design on garment with the clear carrier side up.



HEAT APPLY
Temperature:
300-330°F;
149-165°C
Time:
8-12 seconds
Pressure: medium
(#6 on Hotronix®)



PEEL WARM/COOL
It is best to peel the carrier away from the garment, as opposed to pulling the garment away from the carrier.

Recommended Fabrics

100% cotton
100% polyester
Poly/cotton blends
Lycra®/ Spandex blends

Due to the combination of fabrics, weaves, coatings and dyes used in the textile industry, Stahls' recommends and provides samples of our materials and medias for testing.

Accessories Required

Kraft Paper or Teflon® Sheet
EZ Weeder® or Tweezers

Cutting Notes

You should always test cut prior to any production run. Remember cutter settings will need to be adjusted as your blade ages. For optimal cutting and weeding, maintain a line thickness of at least 1/8" (3mm) for lettering & logos.

Care Instructions

Machine wash warm using mild detergent. Do not use bleach. Dry at a normal dryer setting on household machines. Do not iron directly onto this material.

CUTTER GUIDELINES

CUTTER	BLADE	FORCE	OFFSET	SPEED
Roland GX-24	45° / 60° Standard	90-100g/70-80g	.25	40cm/s
	45° / 60° Premium Carbide	60-70g	.25/.5	40cm/s
Ioline 300	321°	10-110g <small>based on control center settings</small>	.094	12:00
	322°	10-110g <small>based on control center settings</small>	.094	12:00
GCC Expert 24 LX	45° / 60°	70g	.25	30cm/s

Multi-Layered Designs

Apply background for 2 seconds, peel carrier warm/cool. Repeat for additional colors. Finish with final application of 8-12 seconds. Peel warm/cool.

Storage

Stahls' Premium Plus has an indefinite shelf life when stored at temperatures below 75°F (24°C). Keep away from direct heat, sunlight and humidity.

All technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance for conditions not under manufacturer's control. Before using, please determine the suitability of product for its intended use. The user assumes all risk and liability whatsoever in connection with the use of this product. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective by manufacturer.

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